AMENDMENTS TO THE CLAIMS

1-9.   (Cancelled)

10.   (Currently Amended)   A digital receiving apparatus comprising:

a measuring unit for measuring a physical information of a stream of

demodulation signal, the physical information indicating a reception quality;

an information separating unit for reproducing [[a]] the stream of the

demodulation signal, [[and]] separating it into stream signals on multiplexed respective

channels for output, and determining data compression types of the stream signals, the

data compression types indicating data types with and without compression;

a decoding unit for decoding and outputting said stream signals;

a control unit for switching and controlling a stream signal for the decoding unit to

decode out of the stream signals on said respective channels; and

a storing unit for storing matching information for indicating matching a

relationship between the physical information for indicating reception quality and the

data compression types of the stream signals on the respective channels,

wherein said control unit determines the matching relationship between said

measured physical information during reception and the determined data compression

type of the stream signal on a channel selected out of said channels based on said

matching information, and

switches to the stream signal on another channel and makes said decoding unit

decode it when the control unit determines that said physical information during

reception and the determined data compression type of the stream signal on said

selected channel do not conform to a predetermined relationship.

11.   (Currently Amended)   The digital receiving apparatus according to claim 10,

wherein the stream signal on said another channel is a stream signal of a data

compression type different from the data compression type of the stream signal on said

selected channel.

12.   (Currently Amended)   The digital receiving apparatus according to claim 10,

wherein the stream signal on said another channel has a data compression type

conforming to [[a]] the predetermined relationship with said physical information during

reception.

13.   (Previously Presented)   The digital receiving apparatus according to claim 10,

wherein said physical information is a bit error rate.

14.   (Currently Amended)   The digital receiving apparatus according to claim 10,

wherein

    [[if]] when said control unit determines that said physical information during

reception and the data compression type of the stream signal of said selected channel

do not conform to [[a]] the predetermined relationship, the control unit searches for a

stream signal on said another channel, having a data compression type conforming to

the predetermined relationship with said physical information during reception, based

on said matching information, and switches to the stream signal on said different

channel based on [[the]] a search result.

15.   (Currently Amended)   A method of reception of a digital receiving

apparatus, comprising:

a measuring step of measuring a physical information of a stream of

demodulation signal, the physical information indicating a reception quality;

an information separating step of reproducing a stream of demodulation signal,

and separating it into stream signals on multiplexed respective channels for output, and

determining data compression types of the stream signals, the data compression types

indicating data types with and without compression;

a decoding step of decoding and outputting said stream signals;

a control step of switching and controlling a stream signal for said decoding step

to decode out of the stream signals on said respective channels; and

a storing step of storing matching information for indicating matching relationship

between physical information for indicating reception quality and the data compression

types of the stream signals on the respective channels,

wherein in the control step, the matching relationship between said physical

information during reception and the data compression type of the stream signal on a

channel selected out of said channels is determined based on said matching

information, and

the stream signal to be decoded in said decoding step is switched to the stream

signal on another channel when it is determined that said physical information during

reception and the data compression type of the stream signal on said selected channel

do not conform to a predetermined relationship.

16.   (Currently Amended)   A computer program to be executed by a computer

arranged in a digital receiving apparatus, the computer program comprising:

a measuring step of measuring a physical information of a stream of

demodulation signal, the physical information indicating a reception quality;

an information separating step of reproducing a stream of demodulation signal,

[[and]] separating it into stream signals on multiplexed respective channels for output,

and determining data compression types of the stream signals, the data compression

types indicating data types with and without compression;

a decoding step of decoding said stream signals;

a control step of switching and controlling a stream signal for said decoding step

to decode out of the stream signals on said respective channels; and

a storing step of storing matching information for indicating matching relationship

between physical information for indicating reception quality and the data compression

types of the stream signals on the respective channels,

wherein in said control step,

the matching relationship between said physical information during reception and

the data type of the stream signal on a channel selected out of said channels is

determined based on said matching information, and

the stream signal to be decoded in said decoding step is switched to the stream

signal on another channel when it is determined that said physical information during

~~reception~~ and the data <u>compression</u> type of the stream signal on said selected channel

do not conform to a predetermined relationship.

17.   (Previously Presented)   A recording medium containing the computer

program according to claim 16.

6